NCP visibility per visibility Time-Frequency maps

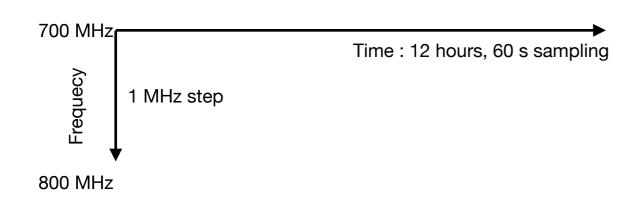
Simulated visibilities from sources near NCP

First two figures

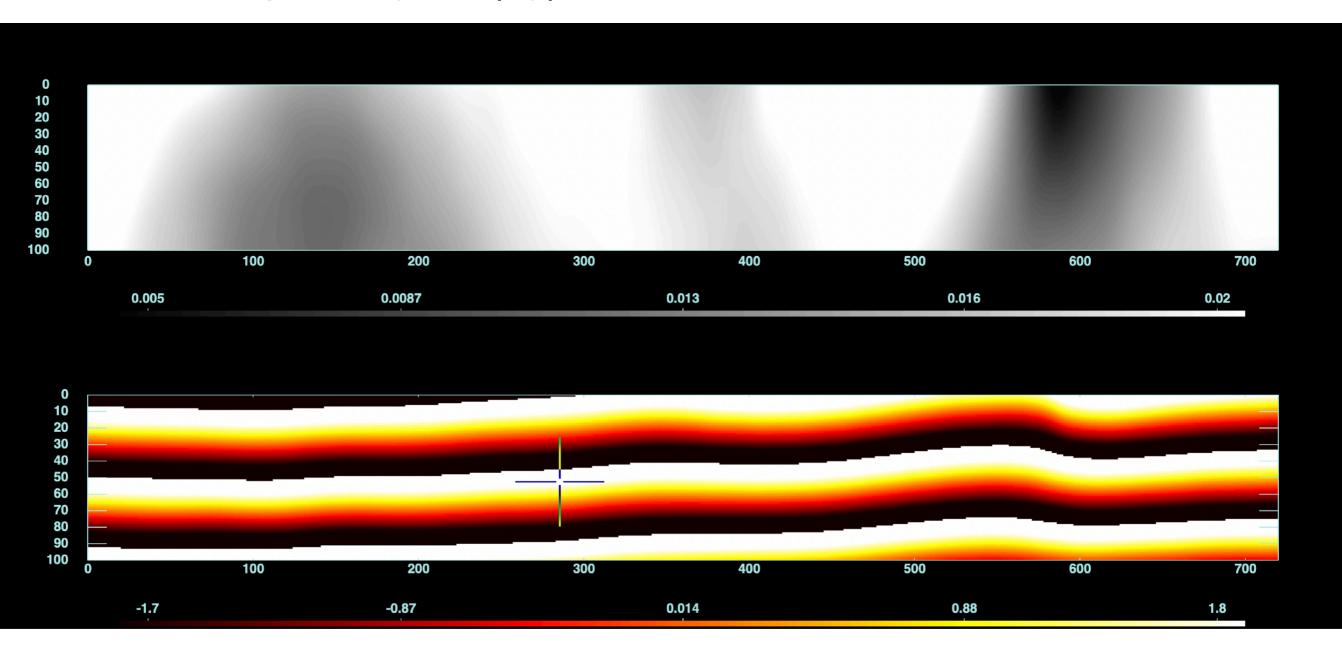
Visibilities computed from all sources > 5 Jy and above δ >60 deg (NO CasA) and sources > 1 Jy and δ >80 and >0.5 Jy and δ >85

Non gaussian (bessel), frequency dependent beam, time-frequency maps for 700-800 MHz in frequency, with 1 MHz step

NVSS catalog source brightness taken at 1400 MHz, without frequency extrapolation



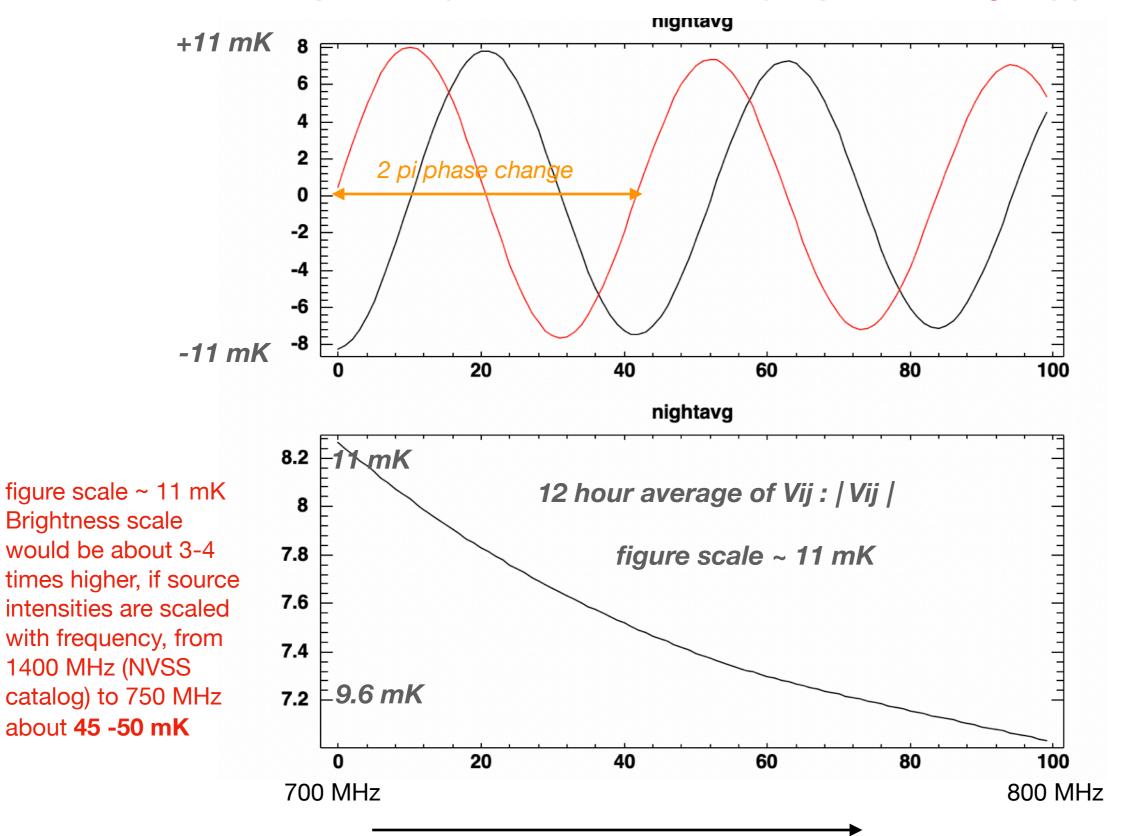
Top: Visibility 2-10, | Vij | - color scale: 20 mK



Bottom: Visibility 2-10, Phase (Vij) - color scale: +/- pi

Time average 2-10 Visibility V_{2-10}

Top: Visibility 2-10, 12 hour sum of Vij: top: real & imaginary parts



Frequency: 700 - 800 MHz

Next figures ...

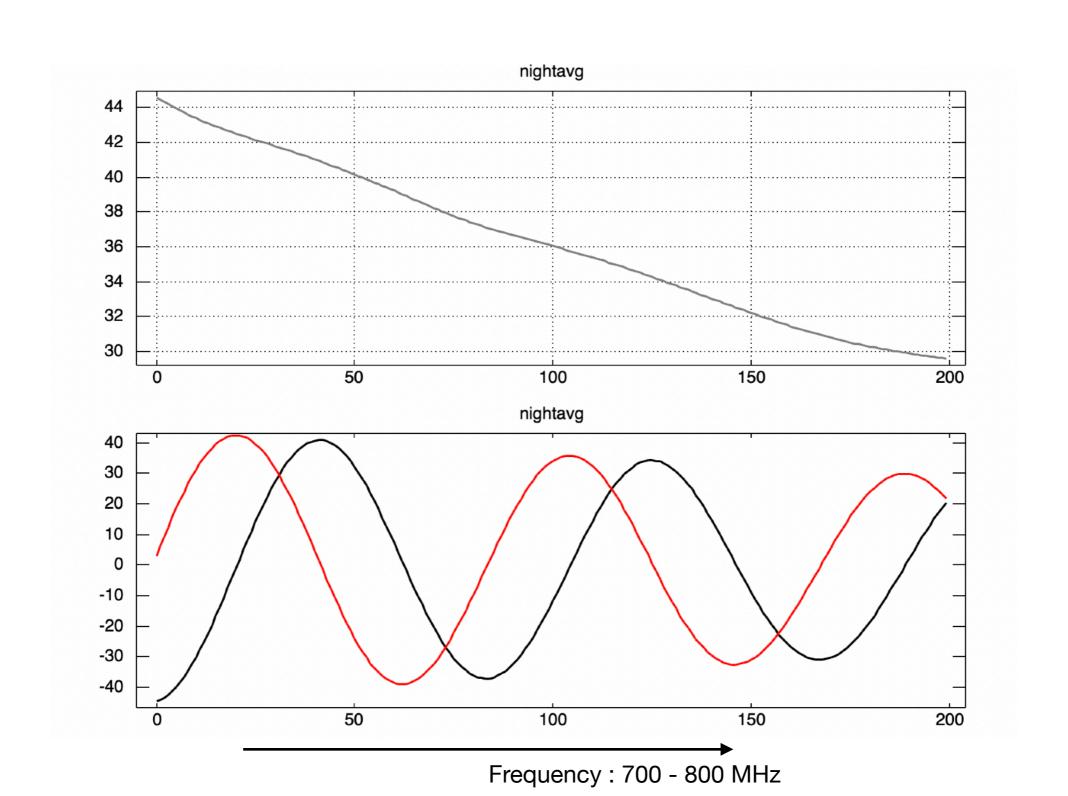
Visibilities computed from all sources > 5 Jy and above δ >15 deg (so with CasA, CygA ...) and sources > 1 Jy and δ >80 and >0.5 Jy and δ >85

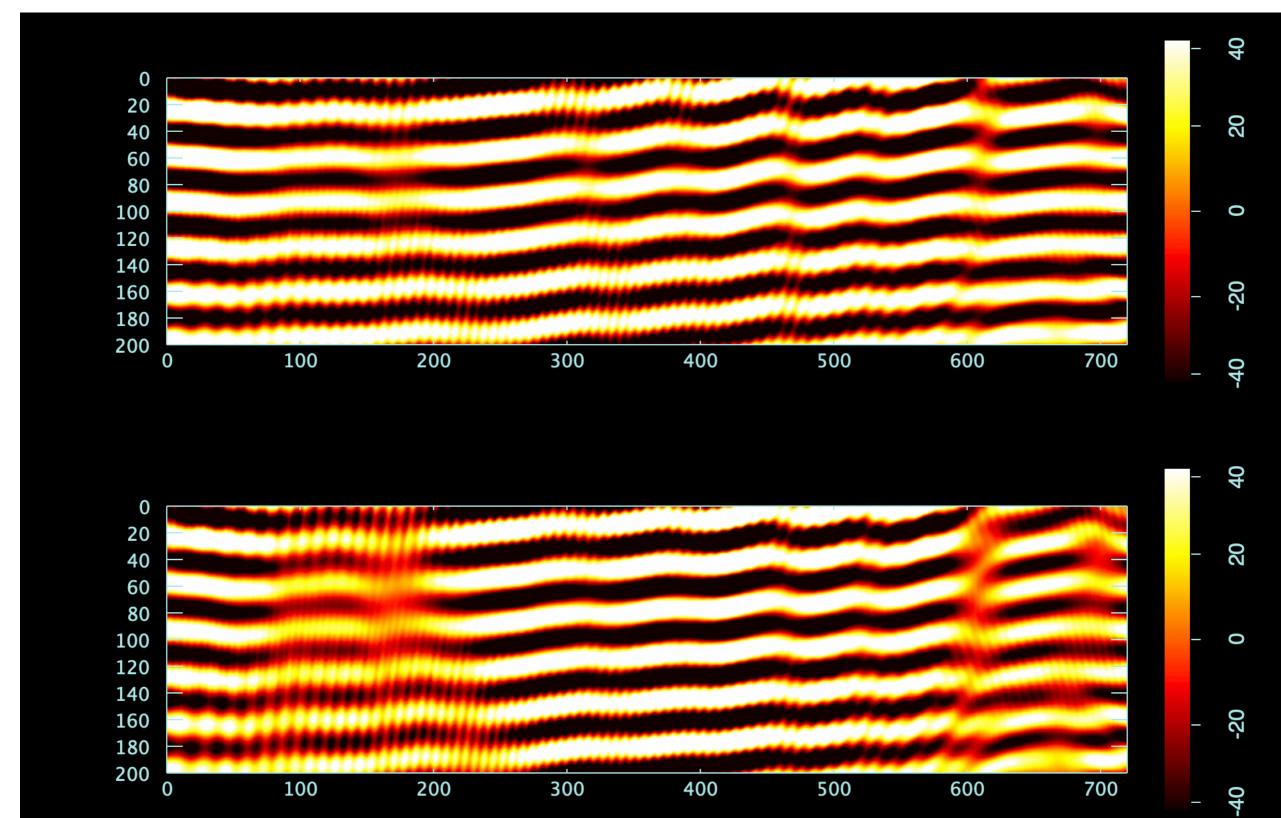
Non gaussian (bessel), frequency dependent beam, time-frequency maps for 700-800 MHz in frequency, with 500 kHz step

NVSS catalog source brightness extrapolated from 1400 MHz to the observation frequency, assuming constant β=-2 spectral index

2-10 Visibility V_{2-10} - Time average over 12 hours as a function of frequency

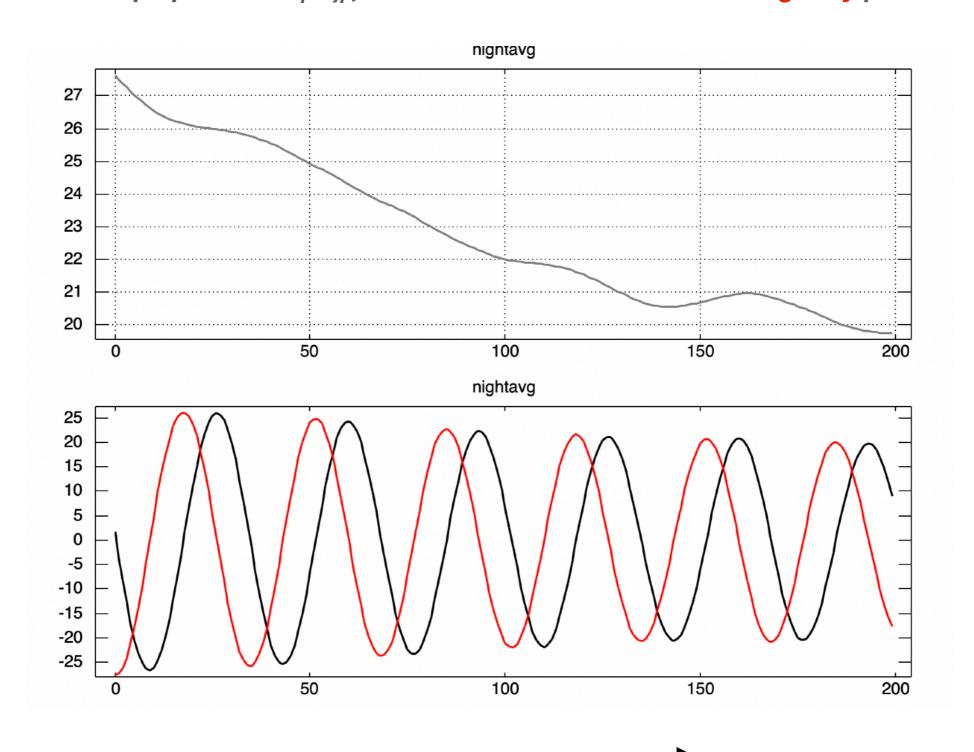
Visibility 2-10, 12 hour average of V_{ij} , Top: plotted as $|V_{ij}|$, scale in mK bottom: real & imaginary parts





2-8 Visibility V_{2-8} - Time average over 12 hours as a function of frequency

Visibility 2-8 , 12 hour average of V_{ij} , Top : plotted as $|V_{ij}|$, scale in mK bottom : real & imaginary parts



Frequency: 700 - 800 MHz